



Response under 37 C.F.R. 1.116  
- Expedited Examining Procedure -  
Examining Group 2612

BOX AF  
74508NAB

In the United States Patent and Trademark Office

In re Application of:

David Kessler, et al

ANTI-ALIASING LOW-PASS BLUR  
FILTER FOR REDUCING  
ARTIFACTS IN IMAGING  
APPARATUS

Serial No. US 08/770,381

Filed 03 December 1996

Group Art Unit: 2612

Examiner: J. Wilson

I hereby certify that this correspondence is being deposited today with the  
United States Postal Service as first class mail in an envelope addressed to  
Assistant Commissioner for Patents, Washington, D.C. 20231.

Tara M. Piccone

Date

Tara M. Piccone

9/20/99

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Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

AMENDMENT AFTER FINAL (37 CFR 1.116)

In response to the Final Office Action mailed June 22, 1999, please  
amend the above-identified application without prejudice as follows.

In the Claims:

Please cancel claims 2, 6, 8, 9, 14 and 16.

1. (Thrice Amended) An imaging apparatus for generating an  
image signal from incident light with higher spatial frequencies of said incident  
light limited to reduce undersampling artifacts, said apparatus comprising:  
an image sensor for generating the image signal from an array of  
photosites; and  
an optical section having a birefringent uniaxial crystal [optical]  
spatial filter interposed in a path of the incident light which removes a portion of  
said high spatial frequencies in said incident light to produce a blurred image on  
said photosites, said birefringent uniaxial crystal optical filter birefringence being  
greater than 0.05, and said birefringent uniaxial crystal optical filter being lithium  
niobate.